IN THE CLAIMS

1. (Original) A digital broadcasting system comprising a digital broadcasting transmission apparatus for broadcasting data groups; and

a digital broadcasting receive apparatus for receiving said data groups directly or indirectly through a data distribution part,

wherein said digital broadcasting transmission apparatus has a transmission means for multiplexing and broadcasting ordinary data to be broadcasted as present programs and index data defined as identification information of data broadcasted in past or to be broadcasted in future.

2. (Original) A digital broadcasting system of Claim 1, wherein said index data includes a data ID of the data broadcasted in past or to be broadcasted in future, and a remote memory location from which the data can be downloaded.

3. (Previously Presented) A digital broadcasting system of claim 1, wherein said digital broadcasting transmission apparatus adds distinctive identifiers individually to said ordinary data and said index data.

4. (Previously Presented) A digital broadcasting system of Claim 1, wherein said digital broadcasting receive apparatus has a data separation means for identifying said ordinary data and said index data separately among the received data groups of digital broadcasting.

5. (Currently Amended) A digital broadcasting system of Claim 4, wherein ~~aid~~said digital broadcasting receive apparatus has a judge means for determining whether an original data are downloaded in the apparatus itself or not by referring to an data ID in said received index data.

6. (Original) A digital broadcasting system of claim 5, wherein said digital broadcasting receive apparatus is a mobile terminal, and has a download request means for allowing to select the necessity for downloading by displaying index data of an original data not downloaded yet.

7. (Original) A digital broadcasting system of claim 6, wherein said mobile terminal has a transmission means for putting out contents requested by said download request means, and a receive means for receiving digital broadcasting contents or download data selectively.

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8. (Currently Amended) A digital broadcasting system of claim 7, wherein said transmission means _of said mobile terminal_ adds and puts out said requested contents with a public-key used exclusively for an individual user or an individual terminal.

9. (Currently Amended) A digital broadcasting system of claim 1, wherein said digital broadcasting receiver is an ~~information relay apparatus (hereinafter referred to as~~ "information service station")~~,~~ and has a data receive means for receiving said digital broadcasting contents, and a data memory means for storing said ordinary data and said index data separately among received data groups.

10. (Original) A digital broadcasting system of Claim 9, wherein said information service station has an input means for accepting a download request;

a data management means for referring to an index data corresponding to requested data in case that said data memory means does not contain requested data, and directing said requested data to be retrieved from a remote memory location specified by said index data; and

a distribution means for transmitting download data to a requester.

11. (Original) A digital broadcasting system of claim 10, wherein said information service station has a security management means for encrypting said download data by using a cipher key specified by said requester.

12. (Previously Presented) A digital broadcasting system of Claim 10, wherein said information service station transmits a verification information for verifying a fact that said requester obtains an distributed information along with said download data, and acknowledges a response to said verification information, and processes a billing operation.

13. (Currently Amended) A mobile terminal embedding a computer executing plural installed software programs ~~such as map navigation~~ comprising:

a communication means for receiving digital broadcasting contents;

an input means for accepting an operation input by a user; an information memory means for storing programs and related data;

a display means for displaying an execution result of programs and a operation screen; and

a control means for managing a program and data captured
from said communication means and said input means, wherein
said information memory means stores a management information
including an information ID of said programs and data
independently of said programs and data ~~themselves~~.

14. (Currently Amended) A mobile terminal of Claim 13,
wherein when said control means receives an index data
including data ID's ~~(number and/or name)~~ of the data already
broadcasted or to be broadcasted in the future along with said
ordinary data including programs and related data as time
division multiplex data of said digital broadcasting contents
through said communication means, said control means extracts
a data ID's of data not yet downloaded among data covered by
said index data by referring to management data stored in said
information memory means, and displays data with said display
means.

15. (Previously Presented) A mobile terminal of claim
13, wherein
    said input means has an external media input means
allowing an IC card and/or an external memory media to be
inserted, and

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when a designated memory media is inserted and a download operation is requested by said input means, said management data stored in said information memory means are read out and stored in an inserted memory media.

16. (Original) A mobile terminal of claim 15, wherein said designated memory media is an IC card, and stores a mobile terminal number and/or user number, and a cipher key for download opefation.

17. (Currently Amended) A mobile terminal of claim ~~14~~15, wherein said communication means has a receive channel corresponding to a transmission from a download requester as well as a receive channel for said digital broadcasting, in which those channels are switched in ~~responsive~~ response to an insert operation of said ~~designated~~ memory media.

18-24.   (Canceled)

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